Warmenfat Micro Amp

Designed by John McCormack

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Warmenfat Micro Amp

Congratulations! You are now the proud owner of the finest little micro amplifier ever made. The *Warmenfat* Micro Amp is not just a guitar amplifier; it is a tone building block that can be used in many ways including:

- Lead Guitar Amplifier
- Bass Guitar Amplifier
- Direct Box
- Effect Box (to warm up sound)
- Microphone Preamplifier
- Signal conditioner

Superior tone is accomplished by combining a sophisticated design with the highest quality components normally found only in the finest high end hi fi, aerospace and industrial process equipment.

Your *Warmenfat* Micro Amp has been engineered to give many years of daily use before tube replacement is needed.

Instructions for Getting Started
(See Figure 1)

1. Connect the 12 volt ac power source into the appropriate jack. Use only an adapter rated 12 volts at 1 amp or 1000 ma.

   Warning: Use only a 12 volt ac adapter!

2. Plug the guitar into the jack marked **INPUT**

3. Plug a speaker (4Ω to 16Ω) into the jack marked **SPKR OUT**. (Maximum output power level is with 16 Ω speaker)

4. Turn on **Power.**

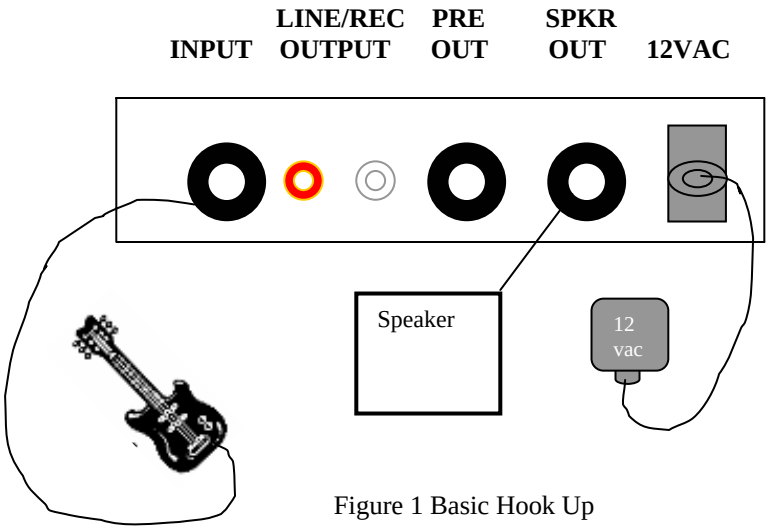
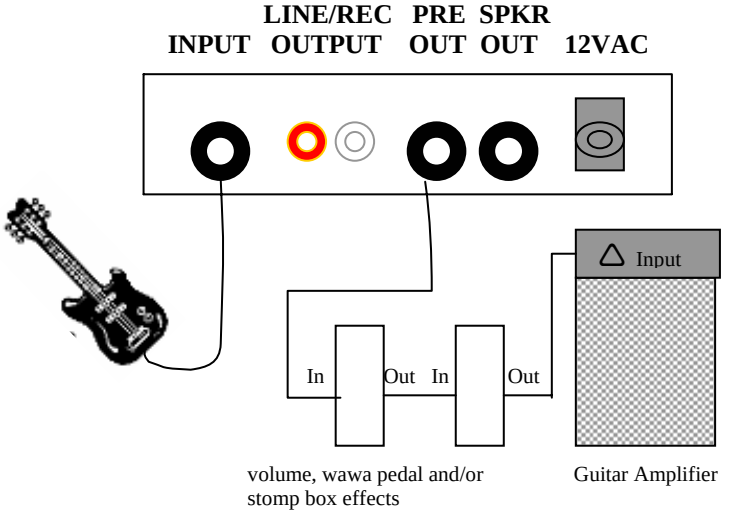


Figure 1 Basic Hook Up

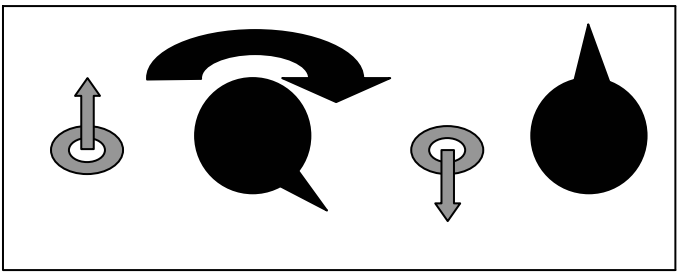
In all **tube** guitar rigs, the *Warmenfat* Micro Amp helps remove the nasty shrilly sound caused from solid state effects pedals. It provides proper tube loading for the guitar pickups.

Using Clean (Figure 2) or Crunchy (Figure 3) settings connect the Guitar into the INPUT. Hook up the Volume, Wawa pedal and/or stomp box effects as indicated below:



Clean Sound
(Figure 2)

Power On	Post Gain	High Gain	Pre Gain

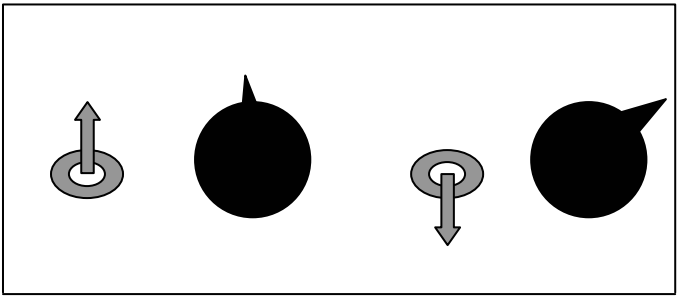


Settings

Power On – up position
Post Gain – full blast clockwise
High Gain Off – down position
Pre Gain to desired level – most Guitars less than 50%

Break up or Crunch Sound
(Figure 3)

Power On | Post Gain | High Gain | Pre Gain

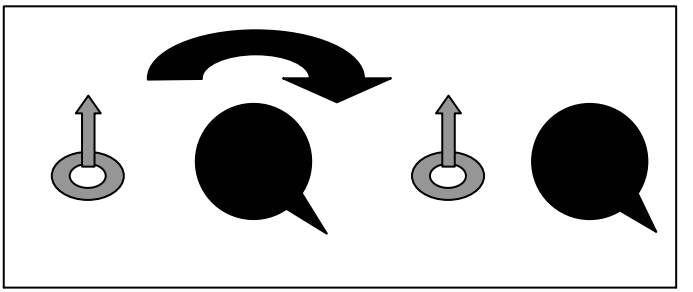


Settings

Power On – up position
Post Gain - 50% clockwise
High Gain Off – down position
Pre Gain - 50% to 70% clockwise

Maximum Crunch Sound
(Figure 4)

Power On Post Gain High Gain Pre Gain



Settings

Power On – up position
Post Gain – desired volume level
Full Blast for most crunch
High Gain On – up position
Pre Gain -- 100% clockwise

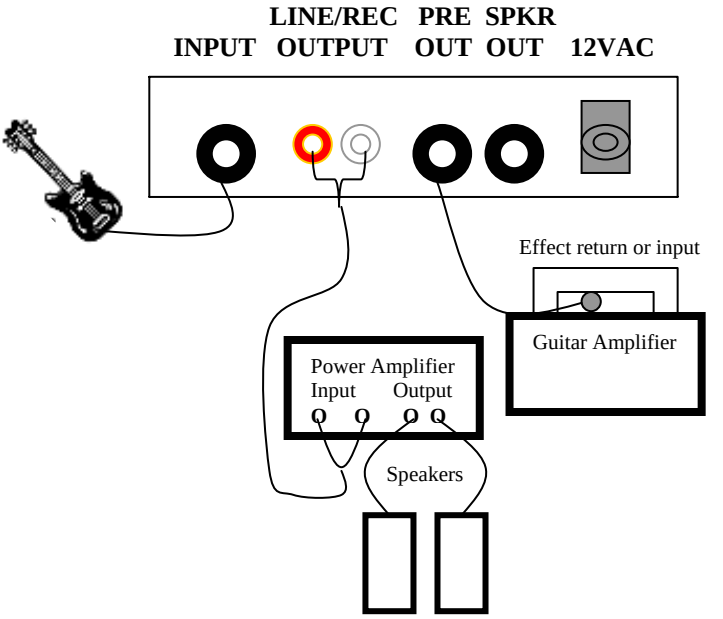
Need More Power?

By using the PRE OUT or LINE OUT jacks, you can connect the *Warmenfat* Micro Amp to an external power amplifier. Now your power output is as great as the amplifier it is connected to.

Use LINE OUT jacks to connect to a standard HI FI power amplifier, stereo or surround sound receiver. You can even connect the *Warmenfat* to a television set if it has "AUDIO IN" jacks. This enables you to practice in a hotel room while you are on the road.

Use PRE OUT jack to connect the *Warmenfat* to a professional power amplifier.

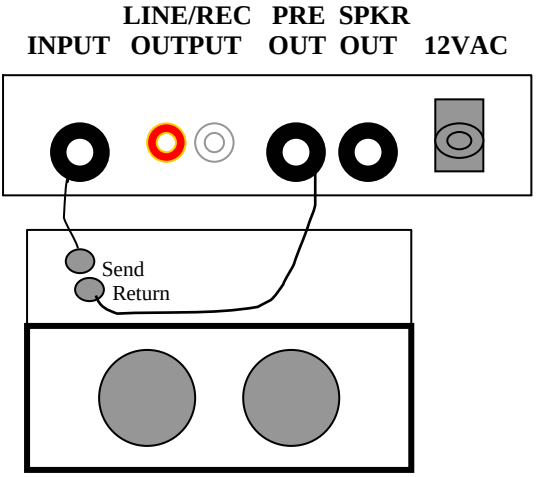
You can also hook the *Warmenfat* into the "POWER AMP IN" or "EFFECTS RETURN" on a guitar amplifier.



Want warmer tone?

By using the *Warmenfat* Micro Amp as an effect, you can improve tone! Below are some recommendations. Try Them! Experiment!

For **solid state** amplifiers connect the *Warmenfat* between PRE OUT and MAIN IN jacks or in the EFFECTS LOOP jacks. This is very effective in warming up the tone of a solid state amplifier.

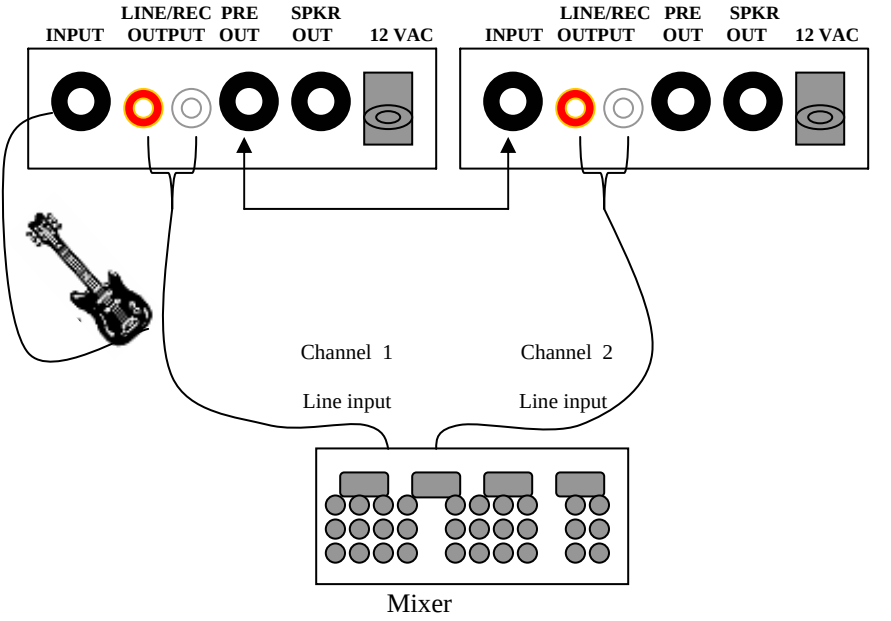


Guitar Amplifier

Using Clean (Figure 2) or Crunch (Figure 3) settings connect the *Warmenfat's* INPUT to guitar amplifier's send or preamp output. Connect the *Warmenfat's* PRE OUT to return of power amp input.

Advanced Recording Configuration
Cascaded Crunch (Figure 5)

Two or more *Warmenfats* connected



Mix Clean (Figure 2) and Super Crunch (Figure 3) in mixer for unique blend of warm, clean, super sustain sound.

We can not stress the importance of experimentation! Many “experts” will tell you the correct way to do something. Music should be fun and therefore we encourage you to do it **THIS** way instead!

Try **H**ow **I**t **S**ounds

The *Warmenfat* Micro Amp will open your world to many wonderful warm and fat tonal experiences!

---It is my personal belief that quality tone will lead the musician to better creativity and will actually enhance his/her musical abilities! –

John McCormack

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Warmenfat Micro Amp

Limited Warranty
Serial # _____

Rainbow Electronics warrants the *Warmenfat* Micro Amp against manufacturing defects in material and workmanship for a period of 90 days from the date of purchase. If this product is determined to be defective, Rainbow Electronics will repair or replace the product, at its option, at no charge.

This limited warranty applies only to the original purchaser of the product and is not transferable. The warranty is invalid if the factory applied serial number has been altered or removed from the product.

This warranty does not cover cosmetic damage or damage caused by acts of God, accident, misuse, abuse, negligence, modification of, or to any part of the product, improper operation or maintenance, connection to improper voltage supply or attempted repair by anyone other than a facility authorized by Rainbow Electronics.

To obtain warranty service, contact Rainbow Electronics at 916-334-7277 for a return authorization. You will be provided a return authorization number and directions for returning the product. The amplifier must be returned, in the original packaging or packaging which will afford protection equal to the original packaging. A copy of the bill of sale must be included. Please include your name, telephone number, return mailing address and a note detailing any issues you are having with the product. When shipping the product to Rainbow Electronics, please retain the shipping tracking number for your records.